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Cosmics Rays variations and space explorations

by **L. I. DORMAN**, IZMIRAN, Moscow, U.S.S.R.

Translated from the Russian by H. A. Pels-Kluyver
English translation edited by H. C. van de Hulst

1974. 668 pages. US\$ 82.75/Dfl. 215.00.

Since the appearance of the first Russian edition of this book in 1963, our knowledge of cosmic rays has been greatly increased by (1) the use of satellites and cosmic rockets in the neighbourhood of the Earth and in interplanetary space for direct observation of the variations of cosmic rays, magnetic fields and solar plasma streams, and (2) by the installation of over a hundred laboratories for measuring cosmic-ray variations in many countries during the International Year of the Quiet Sun (1964-5) and the International Year of the Active Sun (1968-70).

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Fundamental Problems in Statistical Mechanics III

Proceedings of the International Summer School on Fundamental Problems in Statistical Mechanics III, Wageningen, The Netherlands, July 29-August 15, 1974

edited by E. G. D. COHEN, Rockefeller University, New York

1975. 426 pages. US\$35.50/Dfl.85.00.
ISBN 0-7204-0324-3

The Dutch Summer School on Fundamental Problems in Statistical Mechanics is held approximately every five years, its purpose being to make at regular intervals, critical, pedagogical and authoritative surveys of basic problems in the field. In 1974, the third summer school was held in Wageningen, The Netherlands and was attended by teachers and students from about twenty-five countries who gave the meeting an international orientation. Lectures were aimed at graduates around the Ph.D. level in physics, chemistry or engineering; an emphasis was placed on clarity of presentation and an understanding of the problems as a whole, rather than on details and specialized methods.

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